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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,647	03/10/2004	Michael W. Morrison	2269-6103US (03-0954.00/U)	4195
24247	7590	01/27/2006	EXAMINER LEWIS, MONICA	
TRASK BRITT P.O. BOX 2550 SALT LAKE CITY, UT 84110			ART UNIT 2822	PAPER NUMBER

DATE MAILED: 01/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/797,647

Applicant(s)

MORRISON ET AL.

Examiner

Monica Lewis

Art Unit

2822

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) 1-15, 17-21 and 23-36 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 16 and 22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/04 & 5/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This office action is in response to the election filed October 24, 2005.

Election/Restrictions

2. Applicant's election without traverse of Embodiment IX on 10/24/05 is acknowledged. Additionally, the Applicant indicated that there were the following errors: a) a typographical error (embodiments IV and V are duplicates); and b) claim 27 should be included in an embodiment. The Applicant is correct there is no Embodiment V and there should be an Embodiment XI (claims 16 and 27). Finally, claim 16 is generic to Embodiments VII, VIII, IX, X and XI and claim 1 is generic to Embodiments I, II, III, IV.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 16 and 22 are rejected under 35 U.S.C. 102(b) as being anticipated by Kinsman et al. (U.S. Patent No. 6,268,650).

In regards to claim 16, Kinsman et al. ("Kinsman") discloses the following:

a) a dielectric film (30) having at least one conductive trace (60-70) disposed upon a top surface thereof and at least one conductive via (92) formed therethrough (For Example: See Figure 2 and Figure 3); and

b) an electrically conductive layer (28) adhered to the dielectric film and operably coupled to the at least one conductive via, the electrically conductive layer comprising at least one electrical current isolation slot (50) formed therethrough and a surface providing at least one electrical landing area (80) (For Example: See Figure 1).

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In regards to claim 22, Kinsman discloses the following:

a) the at least one electrical current isolation slot substantially segments the electrically conductive layer into at least two segments wherein high frequency noise present on a voltage source in a first segment of the at least two segments may be substantially isolated from the voltage source in another segment of the at least two segments (For Example: See Figure 1)(Note: Merriam-Webster defines "segment" as a portion cut off from a geometric figure by one or more points, lines or planes. The isolation slot (50) segments the conductive layer (28) into two segments (For Example: See Figure 1 and Figure 2). There is a segment of the conductive layer (28) on the left and another segment on the right (For Example: See Figure 2). Although Kinsman fails to specifically disclose "high frequency noise present on a voltage source in a first segment of the at least two segments may be substantially isolated from the voltage source in another segment of the at least two segments," the same structure is utilized in Kinsman as in Applicant's invention therefore it would have the same characteristics.)

Conclusion

5. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Monica Lewis whose telephone number is 571-272-1838.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Zandra Smith can be reached on 571-272-2429. The fax phone number for the organization

where this application or proceeding is assigned is 571-272-8300 for regular and after final

communications. Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

ML

January 23, 2006

A handwritten signature in black ink, appearing to be 'ML', located at the bottom right of the page.